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NPIC REP

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DIV

P.I. NOTES

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CIA IMAGERY ANALYSIS DIVISION

PI NOTES, A PUBLICATION OF CIA/IMAGERY ANALYSIS DIVISION, HIGHLIGHTS SIGNIFICANT INTELLIGENCE ITEMS DERIVED FROM PHOTOGRAPHY, AS WELL AS CURRENT DEVELOPMENTS IN THE "PI" FIELD.

P.I. NOTES 6/66

Since P.I. Notes of 5 August, five additional "regional liquid storage installations" have been located in China. Although all five do not have the typical twenty tanks, the basic components, i.e. rail spur, transfer point, support buildings and bunkered buildings are identifiable. For the location of all sixteen installations see the attached map [REDACTED]

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Analysis of [REDACTED] ground photography of [REDACTED] at the Space Tracking Station near Simferopol, USSR reveals construction in progress for a large tower-mounted reflector at the telemetry reception facility. [REDACTED]

25X1D

25X1C

25X1D

A segment of the Hanoi-Lao Cai Railroad Line has been under attack by U. S. aircraft since 11 July 1965. Post strike photography of [REDACTED] revealed that the rail line has been interdicted in several places and three bridges have been destroyed. [REDACTED] photography of [REDACTED] revealed rapid repair of the bomb damage. The destroyed rail yard at Yen Bai has been serviceable with a single through track. Other interdicted points have been repaired or by-passed. A destroyed bridge 3.5 miles north of Yen Bai has been by-passed with a new bridge, which is probably serviceable. The two other destroyed bridges north of Yen Bai have no recent available photo coverage. One train, moving at a very slow rate of speed, was observed on the rail line 12 miles southeast of Yen Bai. [REDACTED]

25X1B

25X1A

25X1C

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25X1A

25X1D

Construction of the airframe plant at Yen-Liang, China, 34 39N - 109 16E (BE [REDACTED], (22 nm NE) Hsi-an previously reported to be at a standstill for the past two and one half years [REDACTED] has been resumed at a rapid pace. Mission [REDACTED] reveals new construction consisting of the completion of one subassembly building (720 by 320 feet), mid-stage completion of another (720 by 320 feet) and the near completion of a section of the assembly building (800 by 760 feet) with ground scarring for a probable final assembly hall approximately 760 feet by 250 feet. A connecting taxiway from this assembly building to the airfield, 1800 feet to the south, was first observed under construction in [REDACTED]

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CIA IMAGERY ANALYSIS DIVISION

With the continued rate of construction, the airframe plant should be complete and operational within a relatively short period, and will be capable of producing aircraft larger than fighter type.

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A continuing detailed photographic study of the Laos Panhandle reveals a road extending from Muong May (YB 080370) eastward to a ford crossing the Xe Xou River at YB 355266. A road clearing operation apparently started between [] was observed extending from the south bank of the Xe Xou River at YB 355266 eastward along the river for approximately 4 nm to within 2.5 nm of a suspected staging area at YB 470290. A well used trail that appears motorable in parts was observed extending SSE from this suspect staging area to the limits of available photography approximately 5 nm NW of the Cambodian Border.

25X1D

Numerous suspect insurgent areas were observed in an area approximately 4 nm wide x 7 nm long, oriented North-South and covering both sides of the Laos/Cambodian Border.

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A continuing analysis of excellent quality photography [] of the Severodvinsk Naval Base and Shipyard 402 (64 35N, 039-50E) has revealed the following information.

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Extensive modification of the ballistic missile system is apparently in progress aboard the "G" Class SSB berthed along the fitting-out quay of the north (Yagry Island) repair facility. This evaluation is based upon the height, from the deck, of each of the three exposed missile tubes - a vertical distance of approximately [] lower than the tubes aboard the standard "G" Class. The height of the partially dismantled sail area forward of the tubes is roughly [] Lack of outer side panels on either side or aft of the missile tubes also suggests that extensive modification work has yet to be performed on this submarine.

25X1D

25X1D

25X1D

Six cylindrical sections, having maximum outside diameters ranging from [] (approximate) are placed adjacent to the quay on the South side of Nikolskoye Estuary east of the main launch basin. Based on size, shape and location (at a shipyard constructing submarines) the most reasonable identification of these objects is that they are submarine hull sections. Lengths of each of these sections vary from [] Five of the sections are placed on their upright (transverse) axes; several small holes can be seen within the rim of one of these sections. The sixth section is lying along its longitudinal axis and is slightly tapered at one end. A very large floating crane is observed alongside the quay within working radius of the six sections.

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Nuclear submarine refueling (recoring) can be established as a major function of the Nuclear Submarine Special Support Facility, Yagry Island. Evaluation is based, in part, on the presence at this facility of a specialized naval auxiliary ("PM-124") - a ship most likely having a nuclear support mission - [REDACTED]

25X1A
25X1A

25X1D

Uniquely configured special support barges (each approximately [REDACTED]) service each of the eight nuclear submarines observed at the shipyard. Lines, including possible piping and/or cables, lead from several of the submarines at the fitting-out quay (Main Yard) to companion barges berthed between each of these submarines and the main quay. A probable decontamination (DECON)/radio-active control (RADCON) function can be ascribed to each of the two barges servicing the submarines at the Nuclear Submarine Special Support Facility, Yagry Island. No barges of this type are located alongside any of the four conventionally-powered submarines observed at this shipyard.

25X1D

Additional photo/mensural analysis has yielded more information concerning each of the submarines observed in the two large floating docks at Severodvinsk.

25X1D

A scaffolded "N" Class SSN (with an approximate visible length over-all of at least [REDACTED]) occupies the floating dock placed perpendicularly to the fitting-out quay of the Main Yard.

25X1D

The floating dock alongside the fitting-out quay, North Yard (Yagry Island), contains an "H" Class SSBN; the approximate length over-all of this submarine from the after edge of the vertical stern fin to the leading edge of the forwardmost shed over the bow is no greater than [REDACTED]

Floating vertical security screens, each roughly 50 feet in length, are positioned along the outboard sides of most of the elevated missile launchers aboard the "E-II" Class SSGNs berthed alongside the fitting-out quay of the main yard.

Information contained in these notes will be published in CIA Imagery Analysis Division PIR 67041 - a comprehensive photo study of all naval activity observed at Severodvinsk on [REDACTED]

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All measurements have been made by the NPIC Technical Intelligence Division with the assistance of the photo analyst. They are considered to be accurate to within plus or minus 5 feet or 5 per cent, whichever is greater. [REDACTED]

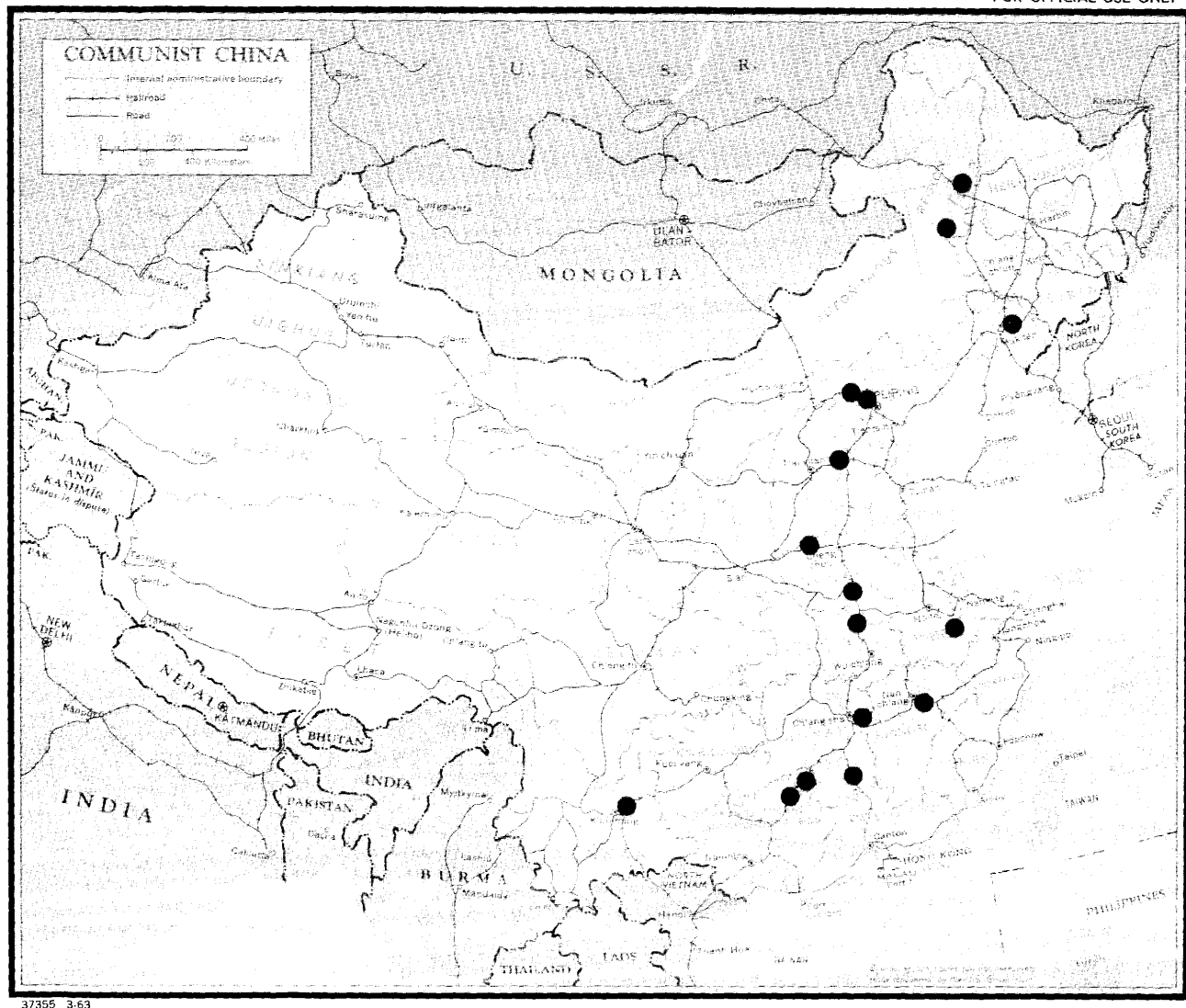
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LOCATION OF 16 RAIL-SERVED REGIONAL LIQUID STORAGE INSTALLATIONS

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